H55M-E33

Specifications

CPU

• Supports Intel® i3 / i5 / i7 based processors in LGA1156 package.

Please refer to CPU Support for compatible CPU; the above description is for reference only.

Chipset

• Intel® H55 Chipset

- Supports QPI up to 6.4GT/s

- Hi-Speed USB (USB2.0) controller, 480Mb/sec.

- 6 SATAII ports with transfer rate up to 3Gb/s.

- PCI Master v2.3, I/O APIC.

- ACPI 2.0 compliant.

Main Memory

• Supports four unbuffered DIMM of 1.5 Volt DDR3 1066/1333/1600*/2000*/2133* (OC) SDRAM, 16GB Max

- Supports 1Gb/ 2Gb/ 4Gb DRAM size

- Supports Dual channel mode

Slots

• 1 PCI Express gen2 x16 slot

• 1 PCI Express gen2 x1 slots

• 1 PCI slots, support 3.3V/ 5V PCI bus Interface

On-Board IDE/SATA

• One Ultra DMA 66/100/133 IDE controller integrated in JMicron® 368.

- Supports PIO, Bus Master operation modes.

- Can connect up to two Ultra ATA drives.

• SATAII controller integrated in Intel H55 chipset

- Up to 3Gb/s transfer speed.

- Supports six SATAII ports by H55

Audio

• Chipset integrated by Realtek® ALC889

- Flexible 8-channel audio with jack sensing

- Compliant with Azalia 1.0 Spec

- Meet Microsoft Vista Premium spec

LAN

• Supports one PCI Express LAN 10/100/1000 Fast Ethernet by Realtek 8111DL.

Internal I/O Connectors

- ATX 24-Pin power connector

- 4-pin ATX 12V power connector

- CPU x 1 / System x 2 FAN connectors

- CD-in connector

- Front panel audio connector

- Front panel connector

- 1 x chasis intrusion connector

- 3 x USB 2.0 connectors

- 6 x Serial ATAII connectors

- 1 x ATA133 connector

- 1 x OC Switch

- 1 x Clear CMOS jumper

- 1 x SPDIF-out connector

- 1 x TPM module connector

- 2 x Serial port connectors

- 1 x Parallel port connector

Back Panel I/O Ports

- 1 x PS/2 Keyboard

- 1 x PS/2 Mouse

- 6 x USB 2.0 ports

- 1 x RJ45 LAN Jack

- 1 x 6 in 1 audio jack

- 1 x HDMI port

- 1 x Graphic Card port

- 1 x DVI port

BIOS

• The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.

• The mainboard provides a Desktop Management Interface(DMI) function which records your mainboard specifications.

Dimension

• 24.4cm(L) x 24.0cm(W) M-ATX Form Factor

Mounting

• 6 mounting holes.